

wounds and their treatment. Operative technic. Amputations. Wound healing and pathologic interventions. Shock. Tetanus. Malignant tumors. Blood vessels. Transfusion. Bones, Fractures. Joints. Nerves. Scalp and skull. Brain. Face and mouth. Neck. Thyroid. Mamma. Chest. Empyema. Pericardium and heart. Abdominal surgery. Peritoneum, mesentery and omentum. Stomach and duodenum. Intestinal surgery. Intestines. Veriform appendix. Rectum and anus. Hernia. Liver. Gall-Bladder and bile-ducts. Pancreatitis. Spleen. Kidney. Bladder. Spine and cord. Upper extremity. Lower extremity.

The Soul, or Rational Psychology. By Emanuel Swedenborg. Third and revised edition. The New Church Press, Inc., New York.

This is another one of the works of Emanuel Swedenborg and designed for those who have a thirst for knowledge of the unknown. In modern religion, of course, Swedenborg was the first man to bring out the philosophy of correspondence and symbolism, and while many existing religions at the same time decried his interpretation of biblical meaning, they have since adopted a great many of the ideas of Swedenborg. From a medical standpoint, it is extremely interesting to see how much real knowledge Swedenborg had. He seemed to be cognizant of all the anatomical and physiological facts of his age, and he has made these the basis of his metaphysical deductions. For one who can follow him they are a source of great consolation and certainly very few of the developments of the Christian religion can claim such a logical basis. However, one is reminded of the old Scotch preacher who said, "If a man speaks of something about which he knows very little, that is foolishness. If a man talks of something about which you know nothing, that is wisdom. If a man talks of something about which neither of you know anything, that is metaphysics." So, I am rather inclined to think that a great many of the writings of Swedenborg fall under the last classification.

S. P.

The Surgical Clinics of Chicago. Volume IV, Number V (June, 1920). Octavo of 223 pages, 45 illustrations. Philadelphia and London: W. B. Saunders Company, 1920. Published bi-monthly. Price per year: Paper, \$12.00; Cloth, \$16.00 net.

E. Wylls and Edmund Andrews and C. L. Mix: "Dumping stomach" and other results of gastrojejunostomy. D. C. Strauss: Perinephritic abscess—tuberculosis of kidney—subcapsular nephrectomy. A. D. Bevan and L. C. Gatewood: Mesenteric fibroma. A. D. Bevan: Dislocation of patellae. G. L. McWhorter: Salpingitis with lateral lumbovertebral pain. R. J. Tivnen: Congenital cataract binocular complicated by large persistent thymus gland. Endothelioma of orbit. Extradural abscess. Kellogg Speed: Burns. Carl Beck: Suture of nerves and tendons of wrist. A. A. Strauss: Various methods of blood transfusion as most applicable in various ages. A. J. Ochsner: Rupture of gall-bladder into duodenum. D. N. Eisendrath: Infections of kidney. F. G. Dyas: Compound fracture of femur in child. Cholelithiasis with biliary fistula discharging at umbilicus. Tetanus following a contused and lacerated wound of leg. A. B. Kanavel: Hematuria. E. L. Moorhead: Chronic ulcer of leg treated by skin-grafting. Multiple tumors of thyroid. Chronic duodenal ulcer. G. E. Shambaugh: Bilateral destruction of labyrinth as sequel of chronic suppurative otitis media. Impairment of hearing due to fracture at base of skull. Cerebral nerve deafness. Aural vertigo due to degeneration of vestibular nerve without involvement of cochlea. E. L. Cornell: Caesarean section for placenta praevia. R. L. Moodie: Surgery and disease among the pre-Columbian Indians of North America.

Care and Feeding of Infants and Children. By Walter Reeve Ramsey. 2nd ed. Philadelphia: Lippincott, 1920.

This volume gave promise of fulfilling a long-felt need, that of a good medical text book for nurses, with the proper amount of emphasis laid on nursing procedures in the care and feeding of children. These phases are excellently dealt with in the first part of the book where many valuable suggestions are well brought out and emphasized, making it valuable aid in the training of good nurses.

The second half of the book, however, is neither a nurse's text book nor could it be of much help to the physician. Pathological entities are here described so vaguely that, were a nurse interested in diagnosing a medical case, she could find little in these pages to help her. For the same reason the work must fail as a physician's handbook, while at the same time the important problems of nursing as they occur in such diseases as scarlet fever, diphtheria, smallpox, eczema and bronchopneumonia are most inadequately dealt with.

It is the tendency of the modern nurse to assume unwarranted knowledge of those phases of medicine for which her training has but partially informed her and to overlook as uninteresting and perhaps as of only slight importance the exact nursing technique which is so essential a part of treatment.

The author has certainly taken advantage of the best way of teaching—that of using good illustrations. They are all very excellent, especially those illustrating formula making, and the methods of breast and bottle feeding.

M. M.

State Society

ANNUAL CONVENTION MEDICAL SOCIETY, STATE OF CALIFORNIA, CORONADO, CAL., MAY 10-11-12, 1921

The Southern Pacific Company will make reduced rates from points in California on Receipt Certificate Plan, namely, one and one-half fare subject to minimum attendance of 150 paying fare by rail on going trip of one dollar or more. The rates will apply to and from San Diego.

Sale dates on going trip will be May 7 to 11, inclusive, and returning May 11 to 14, inclusive.

Delegates should buy one-way tickets on going trip, and if all requirements as to minimum attendance have been complied with, the one-half fare will be granted returning. In notifying your members of these arrangements I suggest that you caution them to be sure and obtain receipt certificates when purchasing the going tickets.

It should be noted that the fares will apply to and from San Diego, i. e., members should buy their one-way tickets on the going trip to San Diego and obtain their return tickets at San Diego.

THE RECEIPT CERTIFICATES MUST BE LEFT AT THE REGISTRATION DESK OF THE MEDICAL SOCIETY IN THE HOTEL.

STATE SOCIETY, 1921

Important Notice—to Contributing Members of the Indemnity Defense Fund

Notes are now becoming due.

Do not let your membership lapse.

Each member will be informed a week in advance of the due date of his note.

County Societies

ALAMEDA COUNTY

The regular monthly meeting of the Alameda County Medical Association was held at the Public Health Center, January 17, and the following interesting program, which had been prepared by Dr. E. N. Ewer, was presented:

1. Report of an unusual case of Ectopic Gestation, by Dr. Daniel Crosby.

2. Treatment of Cervicitis, by Dr. Clarence A. De Puy.

This paper, which was well illustrated by excellent lantern slides, went into the etiology and pathology of cervicitis. The inutility of palliative treatment of this condition was well shown, and a plea made for radical operative treatment, preferably by the Sturumdorf method.

3. Dr. E. N. Ewer read a paper, "The Scar in Repeated Caesarians."

In this paper was presented the observations of a careful operator and the conclusions drawn from a wealth of experience.

New members elected were:

Dr. R. W. Kraft, Dr. Raymond J. Nutting, Dr. J. M. Carter.

The following made application for membership: Drs. Curtis A. Wherry, Frank S. Baxter, F. H. Stibbens, George McClure, J. Wallace De Witt.

A meeting of the Visiting and Resident Staff of The Alameda County Hospital was held at the Public Health Center, January 24.

Hospital standardization forms were considered and discussed at some length.

The regular monthly analysis of hospital service was instructive as showing the proportion of error as between admitting diagnosis and final diagnosis.

Providence Hospital management, on February 7, called a meeting of the medical men invited to form an organization of the Staff of Providence Hospital.

Progress was made to the extent of the adoption of a set of by-laws and an acceptance of the standardization requirements of the American College of Surgeons.

The staff of Samuel Merritt Hospital met February 7 at the hospital. The program consisted of:

An instructive demonstration by Dr. A. C. Siefert, of the Rieber X-ray unit and fluoroscopic table.

Dr. Wm. H. Sargent read a paper entitled, "Review of Advances made in Radium Therapeutics." The paper was ably discussed by many members.

A paper entitled, "Critique on Methods of Treating Hip-Joint Fractures," was read by Dr. Geo. Rothganger.

At this meeting there was held the annual election of officers. The following were elected to office:

President, Dr. Hubert N. Rowell, Vice-President, Dr. Geo. Rothganger; Secretary, Dr. Robert Glenn.

CONTRA COSTA COUNTY

The first meeting of this year was called to order by President G. M. O'Malley at Richmond. Minutes of the previous meeting were read and approved.

Applications for membership were received from Doctors S. H. Marks, E. C. Love, and G. M. Bumgarner.

As there were several topics to be brought up for discussion before the Society, no regular speaker was provided for the evening.

Dr. C. R. Blake, health officer of Richmond, rendered an unusually favorable report on the mortality and morbidity statistics of his city during the past year.

A program and entertainment committee consisting of Doctors U. S. Abbott, J. B. Spalding and Hall Vestal was appointed for this year.

Before adjourning a light luncheon was served.

KERN COUNTY

The officers of the Kern County Medical Society for 1921, are as follows:

President, Dr. E. S. Fogg; Vice-President, Dr. O. P. Goodall; Secretary, Dr. Joe Smith; Delegate, Dr. F. J. Gundry.

FRESNO COUNTY

A meeting of the Fresno County Medical So-

ciety was held Tuesday evening, February 1, at the Commercial Club. Letters of transfer were issued to Dr. Van Meter, to the Los Angeles County Medical Association and to Dr. Joseph J. Levy, to the Ocean County Medical Society of Ocean County, N. J.

The following new members were elected, on presentation of transfer cards from other societies:

Dr. Roland B. Tupper, from San Francisco County Medical Society, Drs. C. Weltman and Chas. E. Mordoff from the Los Angeles County Medical Association.

The President appointed as the Committee of Ethics, Drs. C. O. Mitchell, G. W. Walker, A. S. Parker. The following were appointed as the Board of Censors: Drs. Pettis, Wiese, Kjaerbye.

Dr. A. B. Cecil read a paper entitled "One Hundred Consecutive Perineal Prostatectomies" which was much appreciated by the large number of doctors present. Dr. Cecil illustrated his lecture with lantern slides and also with motion pictures showing in detail the various steps of the operation.

After a discussion of this very interesting and instructive paper, the meeting adjourned.

LOS ANGELES COUNTY

Regular Meeting, January 6, 1921

The Los Angeles County Medical Association met at the Friday Morning Club Hall, 940 S. Figueroa Street, 8 p. m.

Dr. Brem, the new president, opened the meeting.

Under new business, Dr. E. C. Moore read resolutions in reference to a city ordinance, passed December 2, 1920, which makes it unlawful to erect and maintain hospitals, sanitariums, etc., within a certain zone. The law was intended to keep these institutions out of the residence district. The motion that something be done to correct this wrong was unanimously carried.

The secretary, Dr. Harlan Shoemaker, was absent because of illness.

Dr. W. W. Richardson spoke at length on the surgery of the knee-joint.

Dr. Hartwick passed around pictures of a fractured patella he had treated in 1888, when opening the knee-joint meant 25 per cent. death.

Dr. E. C. Moore spoke on intra-abdominal hemorrhage from ruptured corpus luteum.

Dr. Brem introduced Mr. Samuel H. Green, secretary of the California Dairy Council, who spoke on "Newer Nutrition."

Regular Scientific Meeting of January 20, at the usual place and time.

Dr. Walter V. Brem, the president, opened the meeting and referred to the resolution on the outfall sewer which was passed by the Council. He introduced Mr. W. T. Knowlton, Engineer City Sewer Department, who spoke on this subject.

"Reveries of a General Practitioner" was read by Dr. Michael Creamer. Dr. Creamer reviewed in pleasant humor many of the facts which are the faults of ourselves and our competing confrères.

League for the Conservation of Public Health

At the Ebell Club House, 18th and S. Figueroa Streets, January 29, 8 p. m., the League held its meeting.

Dr. Granville MacGowan, the president, opened the meeting and asked Dr. Smith to announce the purposes of the Society.

Mr. C. J. Sullivan, the executive secretary, read the annual report of the work done and of the receipts, expenditures and cash on hand. He told of legislation in the matter of Public Health.

Dr. Mosgrove spoke interestingly of hospitals as an educational factor.

Dr. John Haynes talked on the proposition of the separate Examining Boards.

Dr. Walter V. Brem urged every member of the County Society to join and follow the leaders, that

it is necessary to have concerted action to be effective.

Fiftieth Anniversary of the Los Angeles County Medical Association.

January 31, at 6:30 in the new Ambassador Hotel, five hundred members of the Medical Society, accompanied by their ladies, celebrated and banqueted to honor Dr. Walter Lindley, Dr. Joseph Kurtz and Dr. J. P. Widney, the surviving founders of the organization which now numbers eleven hundred.

Dr. Walter V. Brem, the president, welcomed the honored guests and spoke of the medical pioneers in history and of the evolution of medical science.

Dr. W. T. McArthur, as toastmaster, kept his audience in good humor and in bursts of laughter at his sallies of wit.

Rt. Rev. John J. Cantwell spoke on "Our Philanthropic Institutions."

Mr. Celestine J. Sullivan told of the work of the profession and of the League for the Conservation of Public Health. Eloquently he dwelt on "Laying the Foundation."

Hon. William D. Stephens' subject was "The Well-being of the State."

Rt. Rev. W. Bertrand Stevens spoke of "Doctors and Bishops," in what respects they resembled one another.

Dr. Harlan Shoemaker, the secretary of the Society, talked to the point on "The Outlook."

Rabbi Edgar F. Magnin said some humorous things under the title of "As Others See Us."

Dr. Joseph Kurtz, one of the honored founders, made many amusing remarks about "Early Days."

Dr. Walter Lindley, pioneer and one of the three surviving founders, was assigned the subject of "our Fiftieth Anniversary." He told of his many ambitious hopes that ended like wrecked ships but that now some enterprises have raised hopes and sails on the ships speeding to success.

Mr. Frederick Ward, Shakespearian actor, entertained the gathering on "Doctors and Drama." He pointed out that Shakespeare and the present stage depict the doctor as he is—"honi soi qui mal y pense!"

The Committee who arranged this affair consisted of Dr. Harlan Shoemaker, chairman, Dr. Stanley Black, Dr. Geo. Pinness.

Personals

Dr. Michael Creamer was elected by the Council of the Los Angeles County Medical Association to serve as county editor State Journal of Medicine.

The Pasadena Diagnostic Group, consists of the following associates: Chas. D. Lockwood, Surgery; Frederick A. Speik, Internal Medicine; Raymond Mixsell, Diseases of Children; Paul A. Ferrer, Urology and Surgery; G. F. Ruediger, Pathology and Bacteriology; J. M. Wilson, Internal Medicine; Carl H. Parker, Roentgenology; Robert L. I. Smith, Obstetrics; William Arthur Clark, Orthopedic Surgery.

Dr. Albert Soiland returned January 5 from the East. Dr. Soiland was elected president of the Radiological Society of North America while at the convention in Chicago.

Dr. B. R. Mace was honored by the Elks on his first anniversary as Exalter Ruler. During this year he was instrumental in paying off the mortgage on the club house, buying and paying for a lot to put up a building costing \$2,000,000.

Dr. Elmer E. Stone, former superintendent of the Napa State Hospital for the Insane, has married Mrs. B. Elise Joy.

Dr. Lulu Peters lectured at the Ebell Club in aid of the starving children of Eastern and Central Europe. Dr. Peters served for twenty months among the Albanians and Serbians. The daily life of these people was shown by aid of over a hundred lantern slides.

Hospitals

LUTHERAN HOSPITAL

The California Hospital which was recently purchased by the Lutheran Society was taken over January 10 by Rev. W. S. Dysinger, pastor of the First English Lutheran Church. The price was \$350,000. The charity ward will admit persons of any faith.

OLIVE VIEW SANITARIUM

The new hospital was opened January 9 to tubercular patients, according to Norman R. Martin, superintendent of the Los Angeles County Hospital. Adults with definite tuberculosis who are ambulant and in the early stage are admitted, also those whose disease can be arrested. They must be citizens unable to pay and must have resided in the county one year.

Los Angeles Tuberculosis Association

The Los Angeles Tuberculosis Association elected officers at the annual meeting and planned greater activities for the year coming.

ST. LUKE'S HOSPITAL

This hospital recently incorporated in Santa Monica will be built at a cost of \$200,000. The officers elected are Dr. E. C. Halliday, president; Dr. Robert O'Neal, first vice-president; Dr. C. W. Craik, second vice-president; A. L. Shipley, treasurer, and Wyllys Abbot, secretary. The directors are: Mayor A. E. Coles of Venice; Drs. C. W. Craik, Robert O'Neil and I. L. Magee of the same place; Dr. E. C. Halliday, of the Venice Receiving Hospital; Phillip H. Koshler of Los Angeles, and A. L. Shipley, president of the First National Bank of Venice.

Deaths

Dr. F. M. Linkogle, 741 W. Ivy St., Glendale, California, aged 67; died October 19, 1920 from sarcoma of left jaw and neck.

Dr. Andrew O. Conrad, 104 S. Brand Blvd., Glendale, California Medical College; California, November 23, 1892; licensed November 23, 1893; member of the Glendale Elks Club, Knights of Pythias, Newport Harbor Yacht Club and Glendale Physician's Club. He was born in San Francisco, March 13, 1880; died from cancer, the after-effects of X-ray burns suffered twelve years ago, December 25, 1920.

He is survived by a sister, Mrs. N. J. Lindenfelf, and a brother, Charles R. Conrad.

Dr. John Stewart Gordon, 1225 W. 6th St., offices in the Baker-Detwiler Bldg., L. A.; a native of Pictou Co., Nova Scotia; Coll. of Phys. and Surg., Iowa, February 26, 1889; for thirty years a practitioner of Ogden, Utah; past eminent commander of El Monte Commandery of Ogden, Utah, a Shriner of Al Malaikah Temple in Los Angeles; a member of the Caledonian Society and of the Odd Fellows.

He was a city physician and county physician a number of times in Ogden, and was president of the Ogden General Hospital and surgeon for the Southern Pacific Railroad; aged 66; was run over and killed by a motor-truck, January 5, 1921.

ORANGE COUNTY

At the February meeting of the Orange County Society it was decided unanimously to have the business of the society cared for by a managing board composed of the president, vice-president, secretary, treasurer and three councilors. This board will report to the society the business transacted during the month. A monthly bulletin will be issued. A committee composed of Drs. Ball, Domann and Myers was appointed to make changes in the by-laws to conform with the above.

Drs. Wehrly, Crawford and Johnston were appointed a committee to arrange for a one day's session at some point in the county for a tuberculosis clinic, which will be given in the near future.

Drs. Yeagle and Smith were elected to membership.

The society listened to a very interesting paper by Dr. A. L. Bramkamp of Banning on "The Diagnosis of Advanced Pulmonary Tuberculosis." The paper brought forth a very interesting discussion, about a dozen of the members of the society taking part.

Dr. Bessica Raische of Anaheim read a paper on "Modern Obstetrics." The doctor had just returned from visiting eastern obstetrical clinics and had many new things to tell the society. Her paper was well received and thoroughly discussed.

Before adjournment a vote of thanks was tendered to Dr. Bramkamp for reading to the society his valuable and interesting paper.

Dr. A. H. Galvin of Springfield, Mass., has taken charge of the Orthopedic Department at the Johnston-Wickett clinic.

Dr. Priestley Osburn, until recently of the Johnston-Wickett clinic, has opened an office in San Diego and will limit his practice to internal medicine and diabetes. The doctor's many friends in Orange County wish him much success in his new field.

PROCEEDINGS OF THE SAN FRANCISCO COUNTY MEDICAL SOCIETY

During the month of January, 1921, the following meetings were held:

Tuesday, January 11—General Meeting

1. Some observations on the distribution of botulism.....J. C. Geiger
2. The bacteriology of B. botulinus...K. F. Meyer
3. The diagnosis and treatment of botulism.....E. C. Dickson

Tuesday, January 18—Committee on Industrial Medicine

1. Methods of determining permanent disability ratings.....F. E. Raynes
2. Relationship between trauma and malignant disease from an industrial viewpoint.....Wm. Ophuls
3. Injuries to the knee.....Jas. Eaves

Tuesday, January 25—Section on Eye, Ear, Nose and Throat

1. Melanosarcoma of the choroid.....Hans Barkan, E. F. Glaser, J. J. Kingwell
2. Congenital paralysis of the external and internal rectus muscles of one eye with binocular vision in position of rest.....W. F. Blake
3. Temporary scotoma following air embolus from injection of the nasal septum...H. B. Graham
4. Cerebellar pontile angle tumor. Disturbance of gait and nystagmus following influenza.....H. Y. McNaught
5. Fistula from the external auditory canal to the pharynx.....C. F. Welty
6. Observations on a European trip.....Kaspar Pischel

NORTHERN CALIFORNIA SOCIETY OF ANESTHETISTS

At the regular monthly meeting of the Northern California Society of Anesthetists, held January 14, 1921, at rooms of the San Francisco County Medical Society, Dr. Saxton T. Pope gave an interesting paper on operative shock.

SANTA BARBARA COUNTY

There has recently been organized in Santa Barbara by Dr. Rexwald Brown a group of doctors under the name of "The Santa Barbara Clinic." Doctor Brown will be the surgeon member of the group; Dr. Benjamin Bakewell will practice obstetrics and pediatrics; Drs. Hilmar O. Koefod, H. E. Henderson, and Hugh Freidell, internal medicine; Dr. H. J. Profant, ear, nose and throat; and Dr. George F. Farman, urology. Their offices are in a new building at 1421 State, erected for the group.

SAN JOAQUIN

The regular meeting of the San Joaquin County Medical Society was held Friday evening, January 14 at the Chamber of Commerce quarters, President L. R. Johnson presiding. Those present were Drs. L. R. Johnson, Minerva Goodman, H. S. Chapman, W. T. McNeil, W. P. Lynch, J. V. Craviotto, G. J. Vischi, N. E. Williamson, C. D. Holliger, S. F. Priestly, W. F. Priestly, J. T. Davison, Margaret Smythe, A. H. McLeish, L. Dozier, J. P. Martin, R. T. McGurk, B. F. Walker, F. S. Marnell and D. R. Powell.

The minutes of the previous meeting were read and approved. Announcement was made of the expected arrival on the following day of the body of Miss Elizabeth Lee, en route from France where she passed away while in the Army Nursing Corps, to her home at Altaville for final interment. A committee of the President and Secretary and Drs. Craviotto, Goodman and Chapman was appointed to attend the ceremonies at the depot as official representatives of the Medical Society.

The paper of the evening was on the "Treatment of Diabetes" by Dr. T. Addis of the Stanford University Hospital Staff. It was an interesting review of his studies on diabetes at the Lane Hospital, and emphasized the necessity of accuracy of diagnosis in this particular metabolic disease and pointed out the importance of the blood chemistry researches. The discussion which followed and the practical questions asked, indicated a lively interest in the subject and a full appreciation of the opportunity of listening to a scientific discourse on diabetes from a recognized authority on the subject.

SANTA CRUZ

The Society met in the office of Dr. Liles and the following members were present:

Doctors Watters, Sambuck, A. L. Phillips, P. T. Phillips, Liles, Easterday, Cutter, Burch, Fehlmen, Dowling and Nittler.

After the reading of the minutes of the last meeting, and the disposal of routine business, the Society proceeded to the election of officers for the ensuing year, with the following result:

President, Dr. Cothran; First Vice-President, Dr. H. G. Watters; Second Vice-President, Dr. J. B. Cutter; Secretary and Treasurer, Dr. A. N. Nittler; Delegate to the coming meeting of the State Society, Dr. P. T. Phillips; Alternate, Dr. A. N. Nittler; Censor, 1923, Dr. A. L. Phillips; Corresponding Editor of the State Journal of Medicine, for Santa Cruz County, Dr. J. B. Cutter.

Following the election of officers, the Society proceeded to the consideration of the scientific program of the evening, and an informal discourse on the subject of scarlet fever, was opened by Dr. Liles which was freely discussed by the members present.

The piece de resistance of the evening was the illuminating report presented by Dr. P. T. Phillips on the present status of the medical law of California, more particularly in regard to its bearing on the control and suppression of the wave of illegitimate practice at present sweeping over the state; and an edifying account of the minute technicalities of the law was explained to the members, the activities of the League for the Conservation of the Public Health, and the gratifying result of the conviction of some fifteen chiropractors weekly, largely through its instrumentality, working in harmony with the State Board of Health and the Board of Medical Examiners, was reported.

After some moments of agreeable social intercourse among the members, the meeting adjourned.

TULARE-KINGS COUNTY

The February meeting of the Tulare County Medical Society was held at Hotel Johnson, Visalia, February 6.

After a dinner at the hotel, Dr. Hans Lisser

of San Francisco gave an address, illustrated by photos, on "Internal Secretions," laying stress upon what is actually known regarding the ductless glands and their secretions rather than what is only surmised.

Action was also taken at this meeting to co-operate with the effort of the State Tuberculosis Association toward improving the work of the general practitioner in the early diagnosis of tuberculosis, through sending special clinical teachers to meet with medical society units throughout the state.

Clinical Department

GALL BLADDER FOCALIZATION AND ITS NON-SURGICAL TREATMENT

By James B. Luckie, M. D., Pasadena, California

In many cases of cholecystitis, choledochitis and cholelithiasis the patient can be saved operation and the systemic symptoms can be relieved or alleviated, by employment of the Lyon method of biliary drainage.

Having seen no reference in the literature regarding the relief of secondary symptoms by this method, I take this opportunity to present this case as an example of the great possibilities that the procedure offers:

Case 1.—A trained nurse 51 years of age presented herself with the following complaints: Headaches of a severe character every few days. Fingers aching and stiff, the metacarpal joints swollen and tender, incapacitating her for work. This has been progressing for the last 9 years.

History revealed nothing of importance other than an irregular, atypical, digestive disturbance dating back 14 years. This disturbance at times caused burning sensation in epigastric region and now and then a vomiting attack. Food seemed to have no effect on the attacks nor had any remedy that had been prescribed relieved them. There was never distinct colic.

Examination showed a pale, anemic-appearing individual of spare build, the fingers tender and swollen at metacarpal articulations. Teeth and tonsils and all ordinary sources of infection were examined and found negative. The physical examination was negative except for a slight tenderness in the right hypogastric region corresponding to the gall bladder point.

All laboratory reports came back negative except for a secondary anemia. A fractional meal was given and the contents removed every fifteen minutes until stomach was emptied. This revealed a delayed acid curve and a slightly delayed emptying time. The next morning a duodenal tube with the Lyon tip was passed and Lyon's method of biliary drainage was tried. The A bile was clear of a lemon color but had flakes of pus in suspension. It amounted to 28 cc. The B bile was dark, about the color of ripe olives, contained long shreds of mucus and was twice as viscid as the A bile. It amounted to 136 cc. Microscopically it contained many pus and epithelial cells, many motile bacteria and crystals. Staining showed a bacillus and a streptococcus. Cultures of the biles resulted as follows:

A bile, colon bacilli of typhoid-colon group.

B bile, streptococci and colon bacilli of typhoid-colon group.

The patient was instructed to return in one week for another drainage. Upon her return she reported that she felt greatly relieved, there had been no headaches or indigestion and her head felt clearer. The second drainage gave the same results with the exception of the B bile. This amounted to 100 cc. and was two or three shades lighter than before; the mucus was still present. Cultures gave the same results. Patient was instructed as before. Upon her third visit the hands

had lost their tenderness and there was no pain. She could flex the fingers with ease and the swelling had diminished. She was drained at weekly intervals and after the fifth treatment all symptoms had disappeared. The culture of B bile, however, still gave a weak growth of streptococci.

She has continued at weekly intervals and is back at work and after a period of seven months has had no return of symptoms. The streptococci disappeared after the tenth drainage and have not been found since. Several other cases of like character have been studied.

208 Dodworth Bldg.

CASE HISTORIES FROM THE CHILDREN'S DEPARTMENT, UNIVERSITY OF CALIFORNIA MEDICAL SCHOOL AND HOSPITALS

1921 Series, Case No. 3, December, 1920. Female. American. Age, 4 years. No. 26224. F. K.

Complaint—Splenomegaly and enlarged liver.

Family History—She is the only child. Father and mother living and well. Several years previous to entrance of patient father had given slightly positive Wassermann reaction. Otherwise family history negative.

Past History—Child had lived in China and Hawaii for 8 months just previous to entrance to hospital. She had never been sick and had never had any chills or temperature.

Family History—Showed a small underdeveloped, poorly nourished, excitable child. Skin was pale and her conjunctiva showed a marked pallor. There was some oedema of the face, especially marked under the lower lids. Tonsils were large and cryptic. There were a few glands in the servical region but they were not markedly enlarged. Otherwise her glandular system was negative except for marked increase of the tracheo-bronchial chain of glands. Chest examination except for the D'Espine's sign down to the sixth dorsal interspace was negative. Her heart was slightly enlarged to the left and there was a soft systolic murmur hemic in type. Her abdomen was full. Her liver could be felt 4 cm. below the costal margin and was smooth, firm and not tender. Spleen was palpable 3½ cm. below the costal margin, extending to just above the crest of the ileum. It was not tender. There were two or three ecchymotic areas 4x5 cm. on the thighs. Von Pirquet and blood Wassermann, Widal reaction, blood cultures and bacterial examinations of the stools were all negative. Her blood picture was interesting from the fact that she showed a definite lymphocytosis with a marked leucopenia and signs of slight secondary anemia. The typical blood pictures noted for over three weeks were:

	Hb.	%	Red Cells	White Cells	Neutrophils	Eosinophils	Basophils	Lymphocytes	Large Monos. and	Transitional Cells
Dec.	8	80	3,846,000	4,800	23	0	0	63		14
"	11	80	4,253,000	13,000	20	0	0	49		31
"	12	80	4,253,000	29,000	17	0	0	57		26
"	15	80	4,757,000	19,000	22	0	0	62		56
"	20	85	4,352,000	6,400	17	0	1	33		49
"	30	80	4,160,000	3,400	36	0	0	26		38

Occasionally the red blood cells showed pallor, irregularity of outline and staining reaction, but no parasites were seen. The large and small mononuclears were less easily distinguishable than in many normal blood pictures.

During her stay in the hospital between December 11th and 15th, she developed tonsillitis and had a slight temperature which went up to